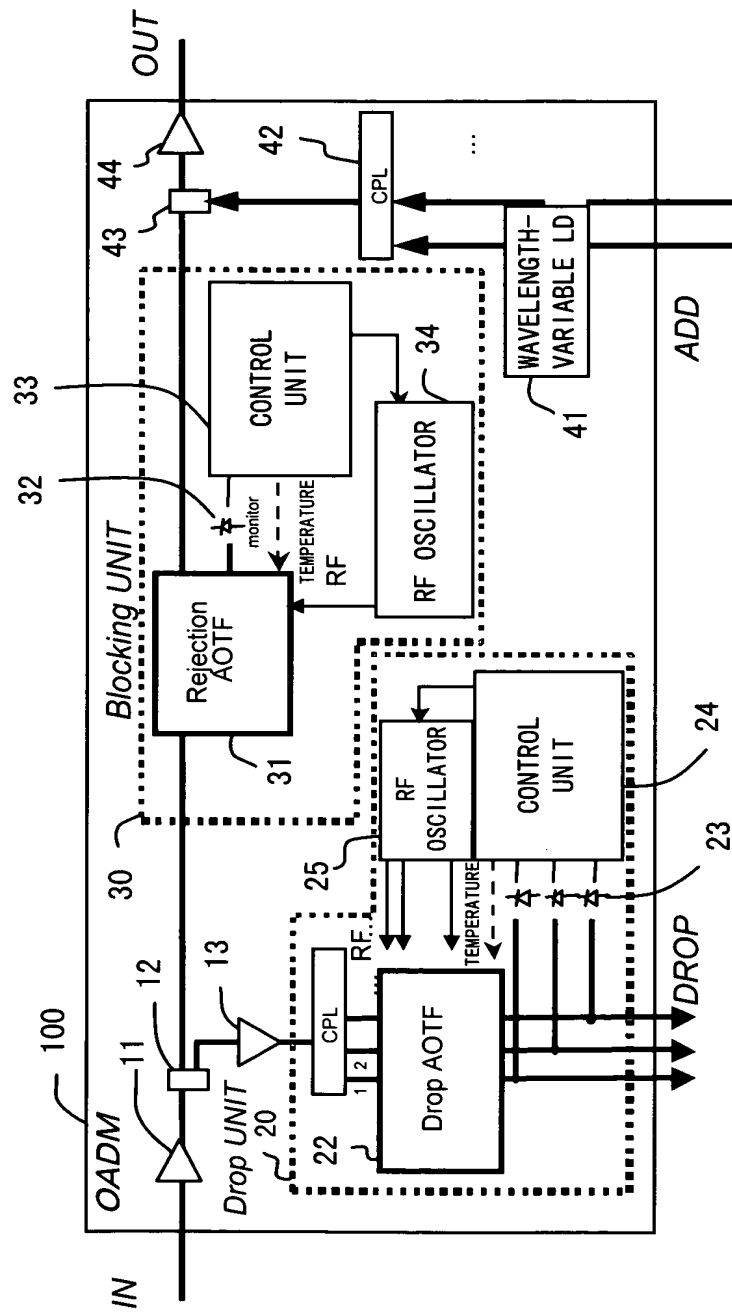


FIG. 1 PRIOR ART





F - G - 3

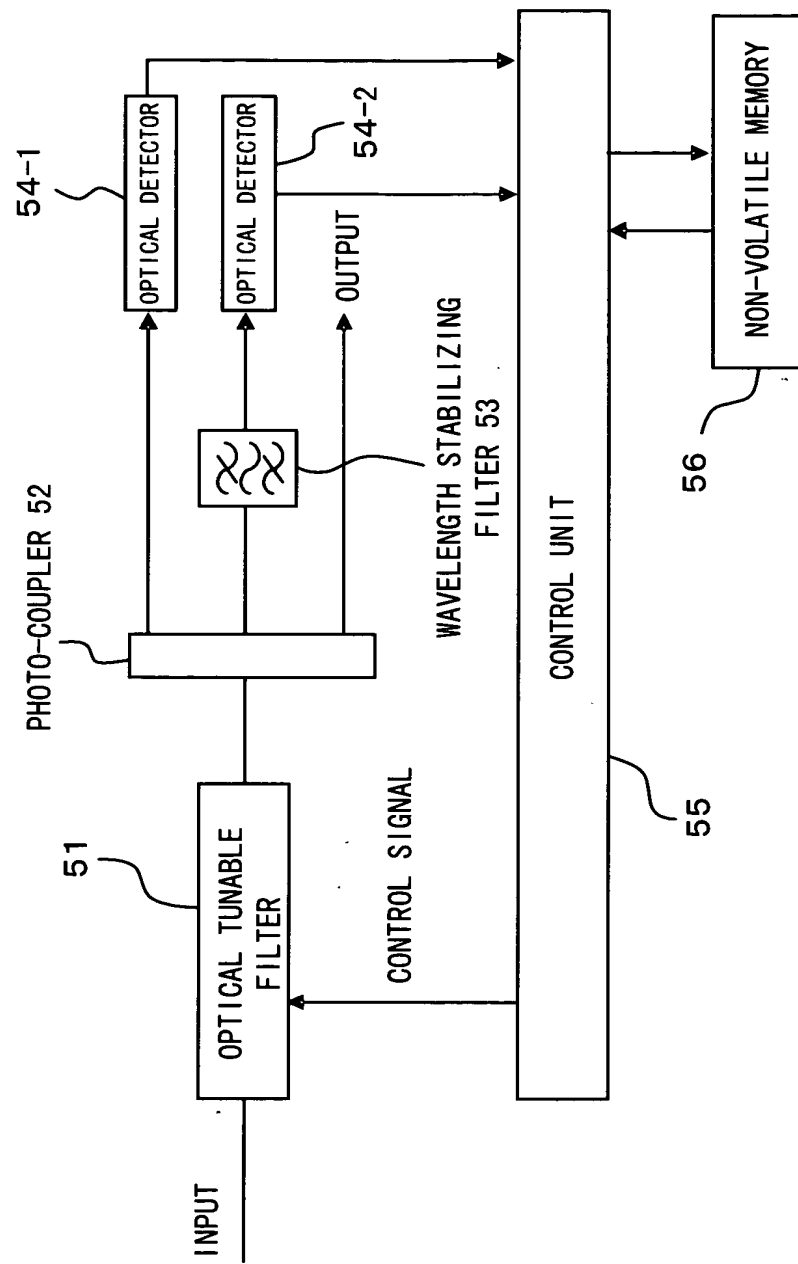


FIG. 4

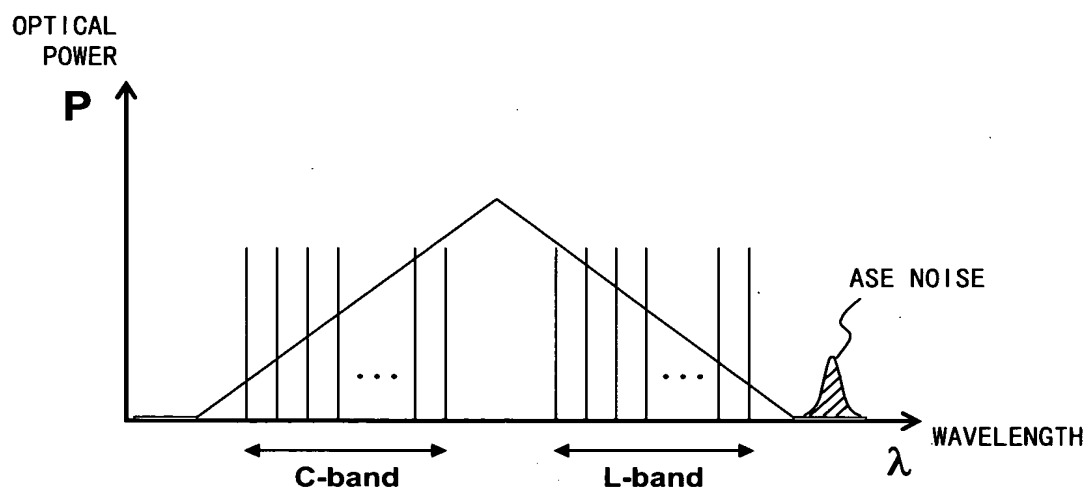


FIG. 5

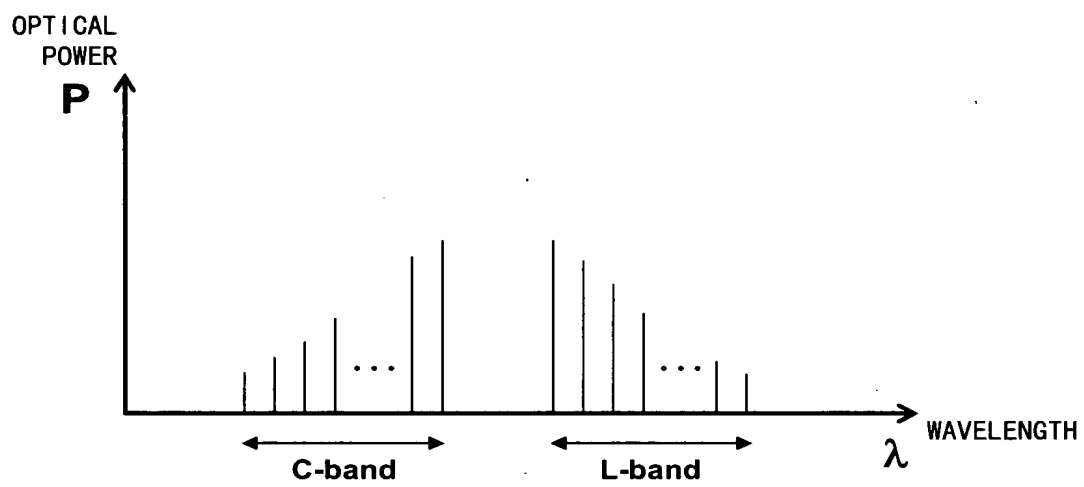


FIG. 6

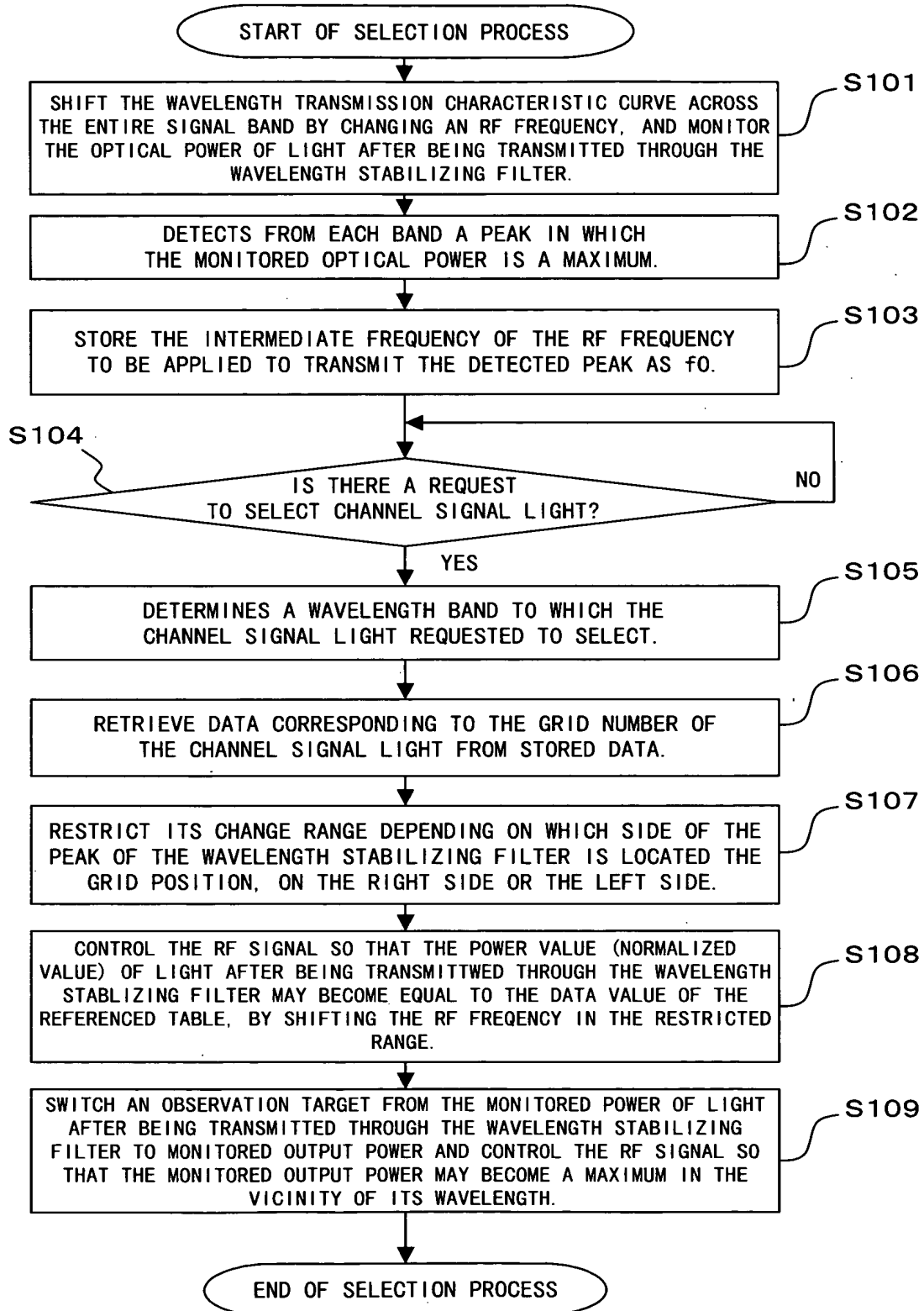


FIG. 7

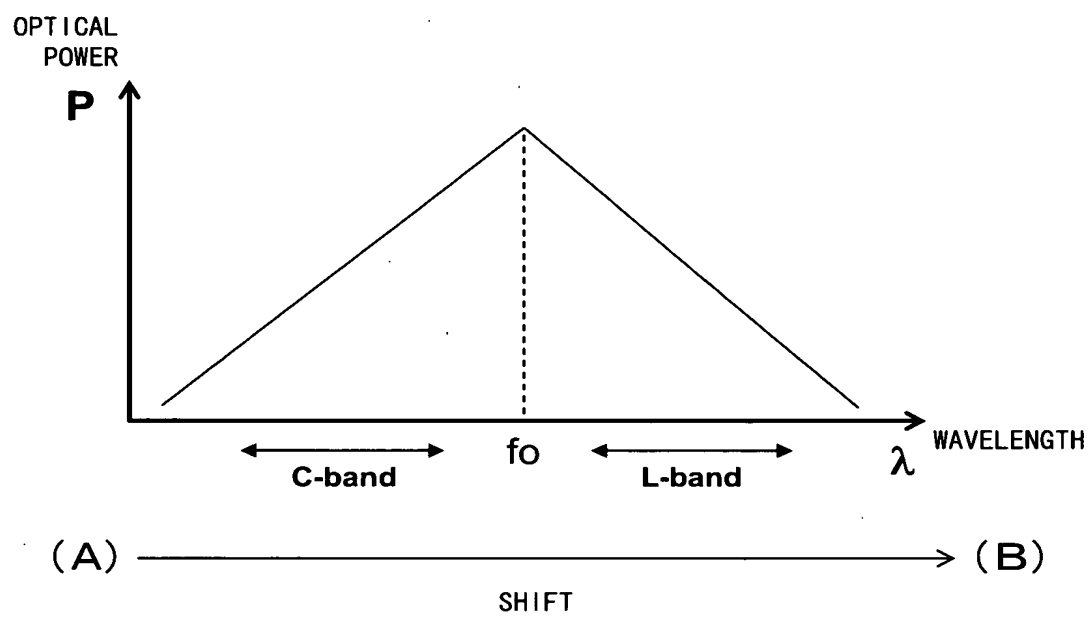


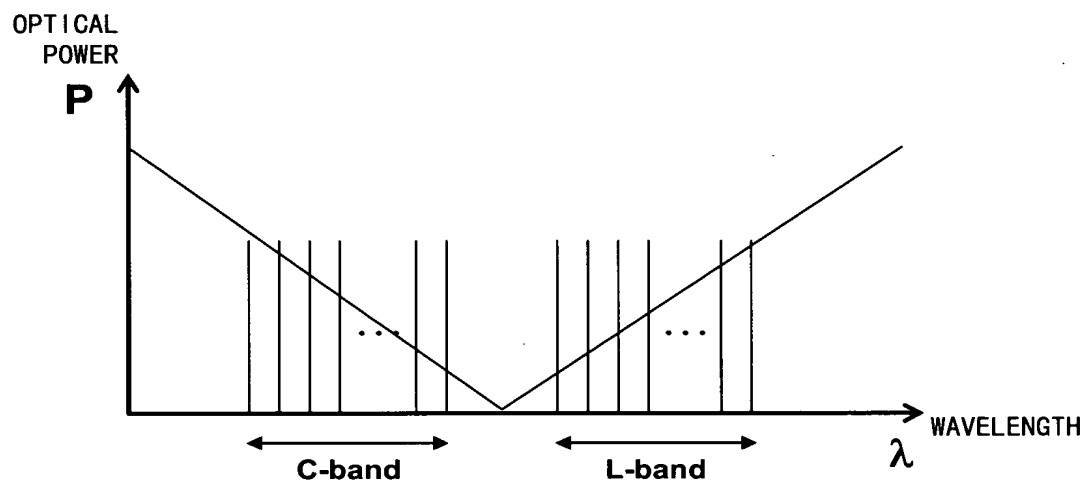
FIG. 8

GRID NO.	ITU GRID FREQUENCY (GHz)	ITU GRID WAVELENGTH (nm)	WAVELENGTH STABILIZING FILTER MONITORED POWER VALUE (NORMALIZED)
C6	196500	1525.66	0.000
C7	196400	1526.44	0.015
C8	196300	1527.21	0.030
.	.	.	.
.	.	.	.
.	.	.	.
C54	191700	1563.86	0.920
C55	191600	1564.68	0.935
L01	191500	1565.50	0.950
L02	191400	1566.31	0.965
L03	191300	1567.13	0.980
L04	191200	1567.95	0.981
L05	191100	1568.77	0.973
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
L52	186400	1608.33	0.032
L53	186300	1609.20	0.016
L54	186200	1610.06	0.000

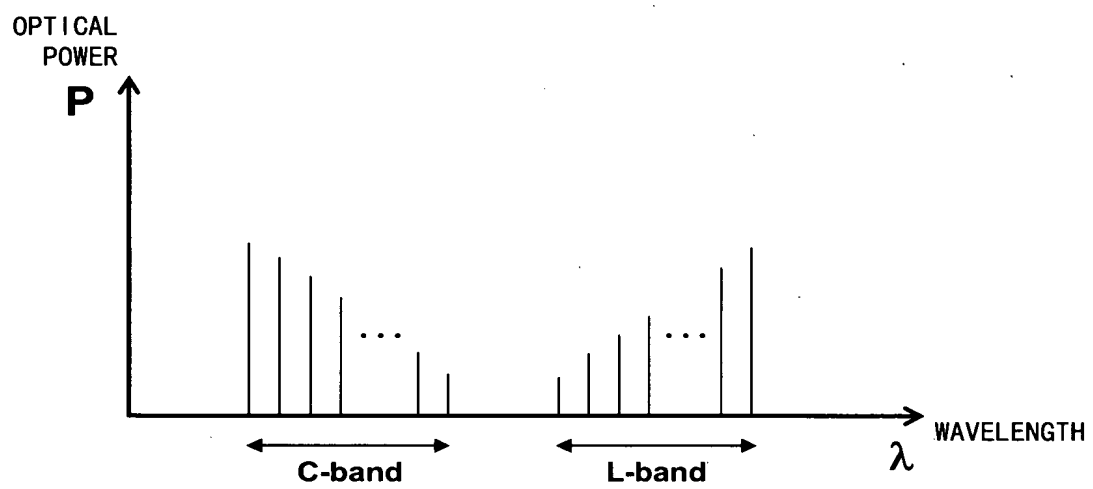
WAVELENGTH
STABILIZER
FILTER PEAK



F I G. 9



F I G. 1 0



F I G. 1 1

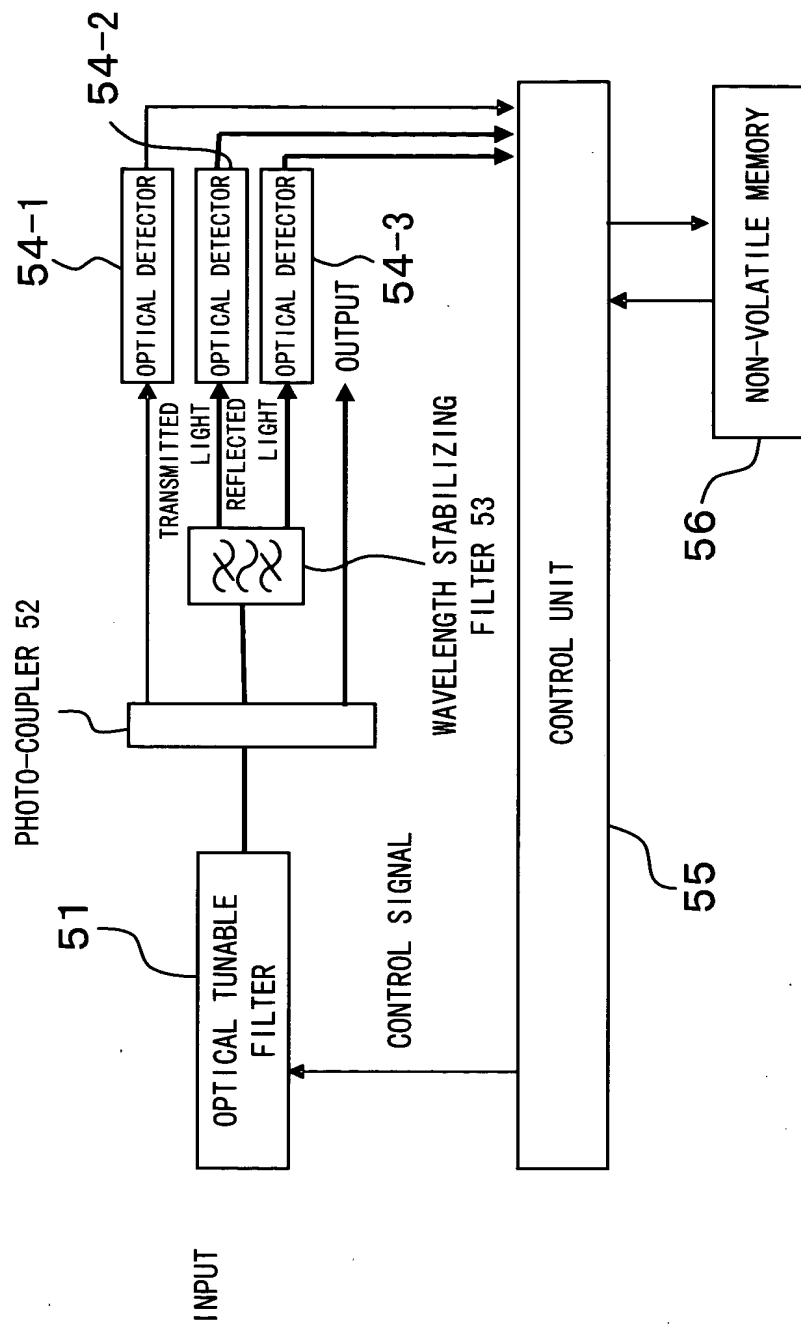


FIG. 12

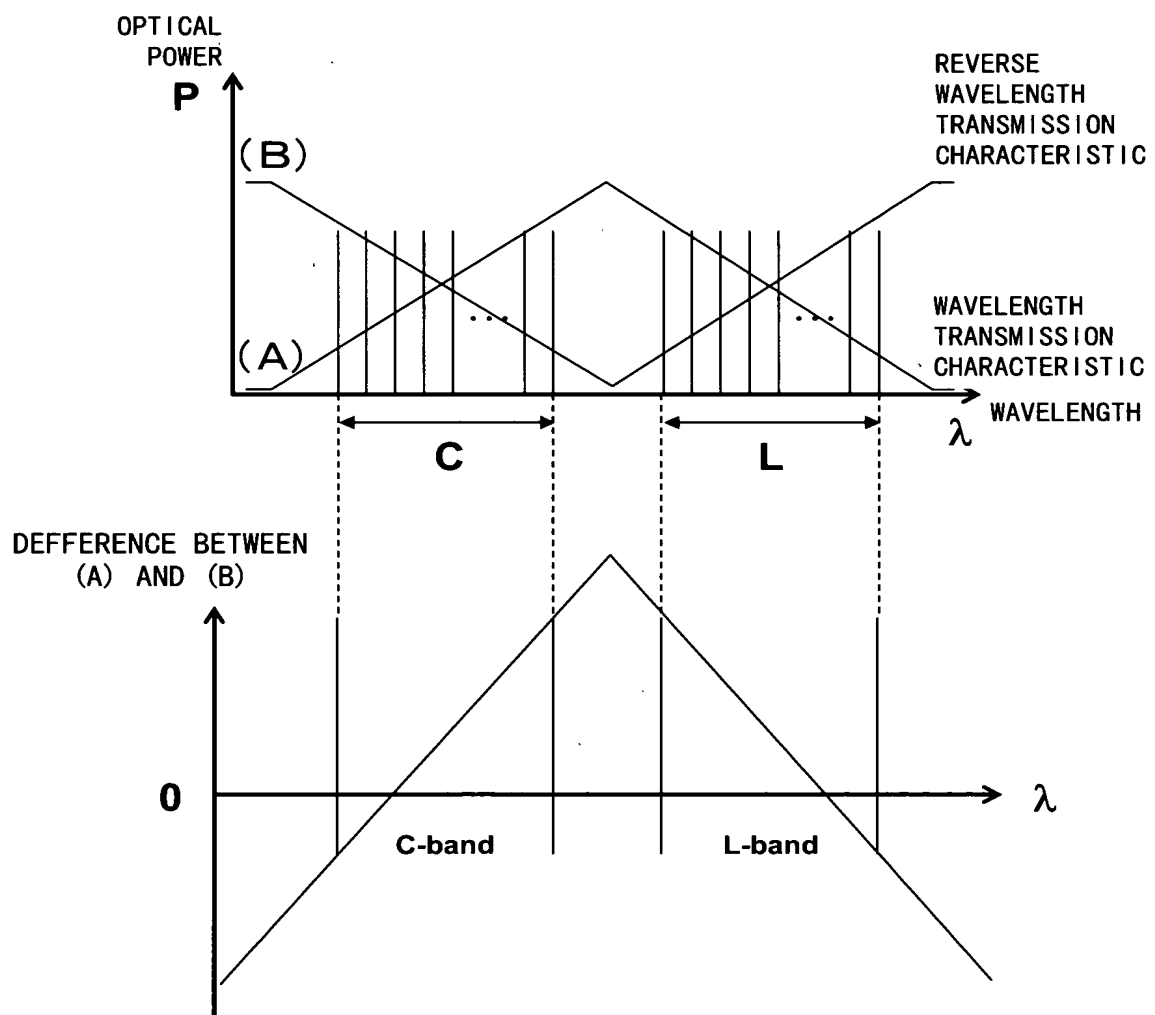


FIG. 13

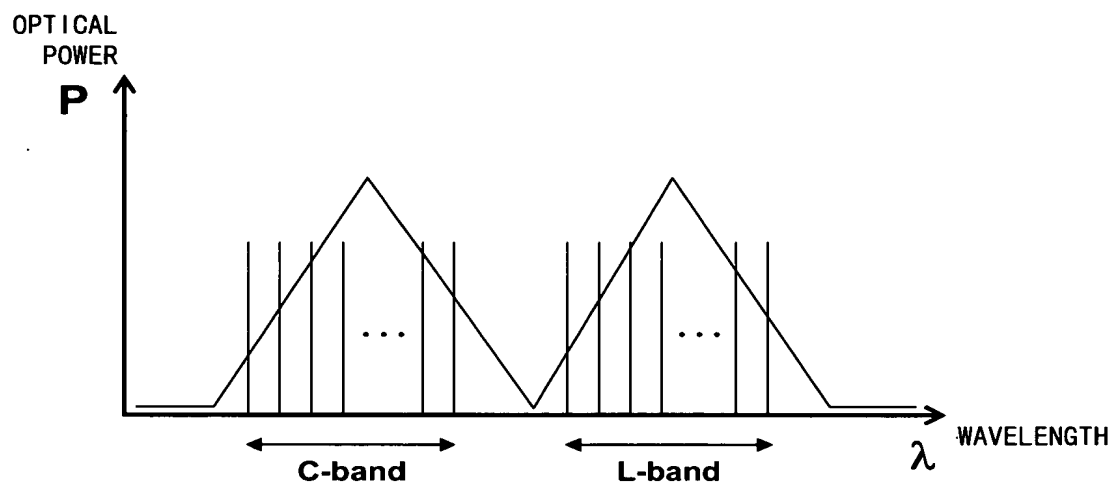


FIG. 14

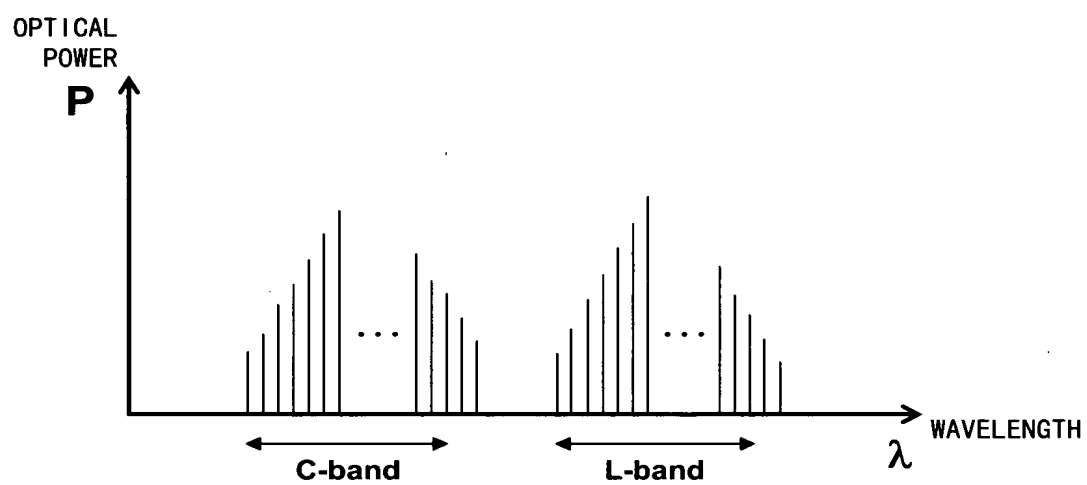
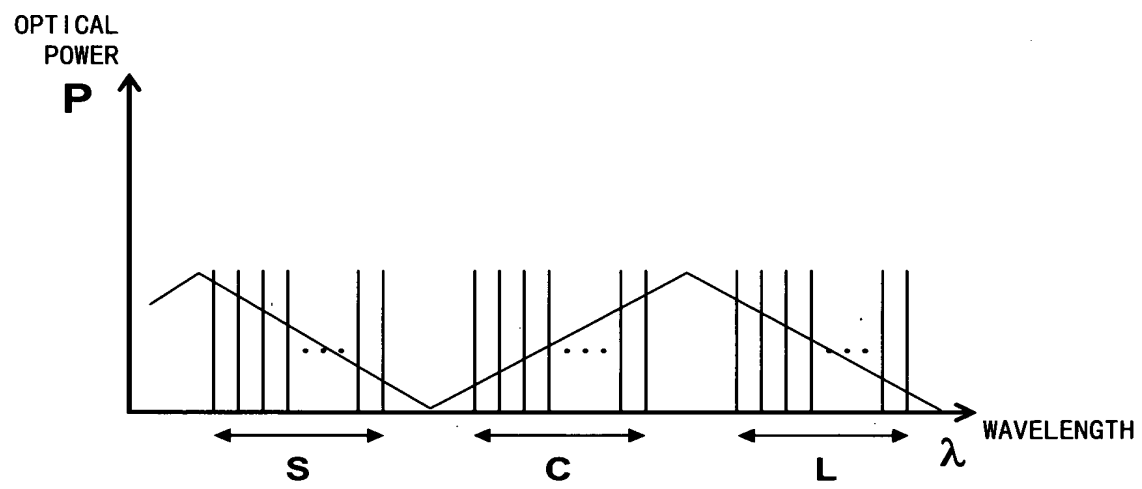


FIG. 15



F I G. 1 6

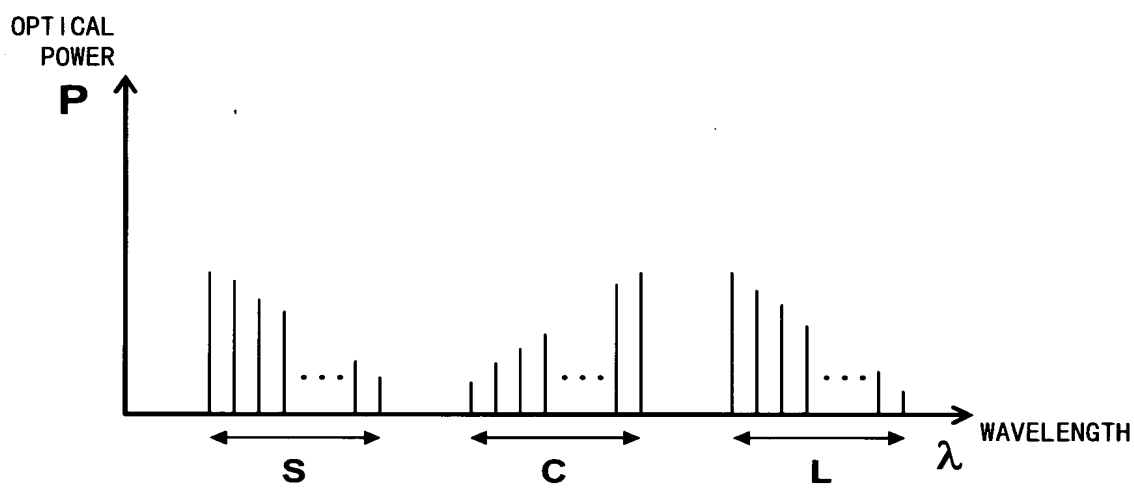
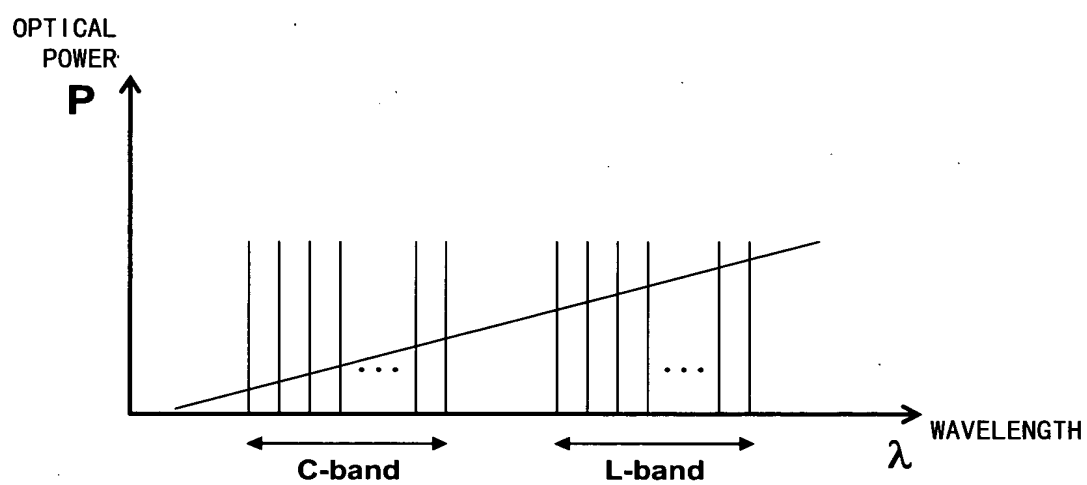


FIG. 17



F I G. 1 8

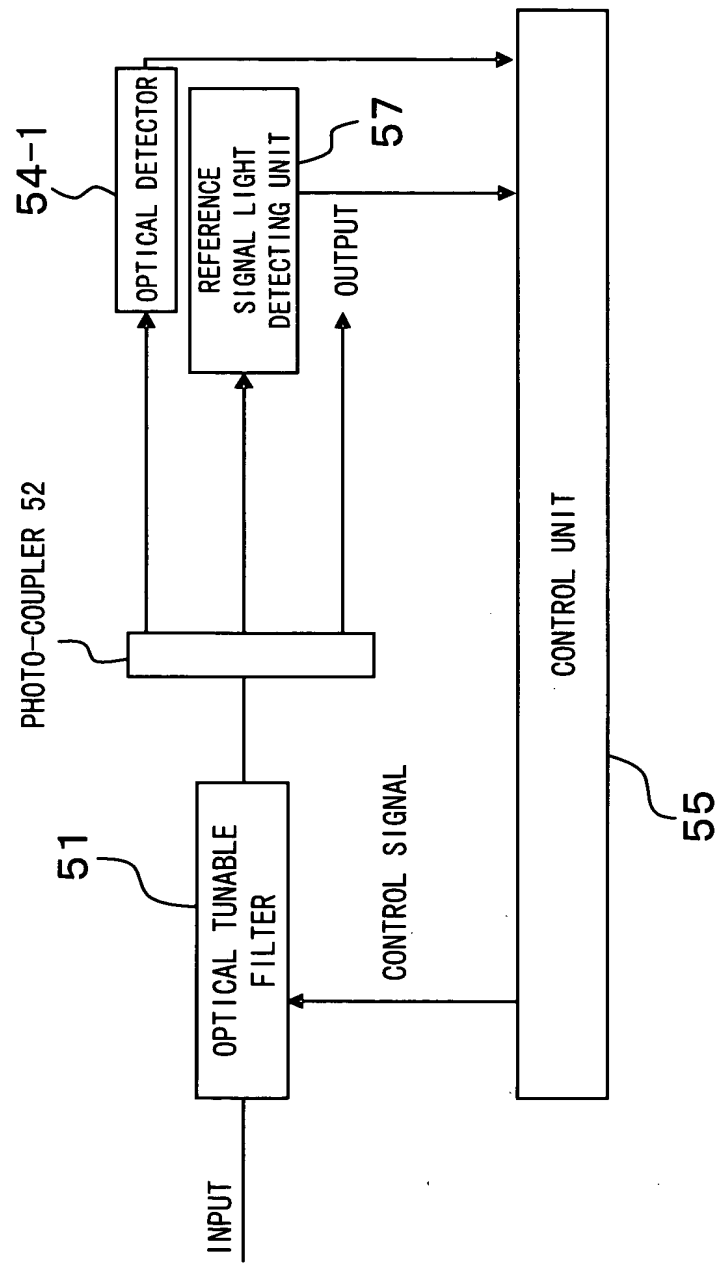


FIG. 19

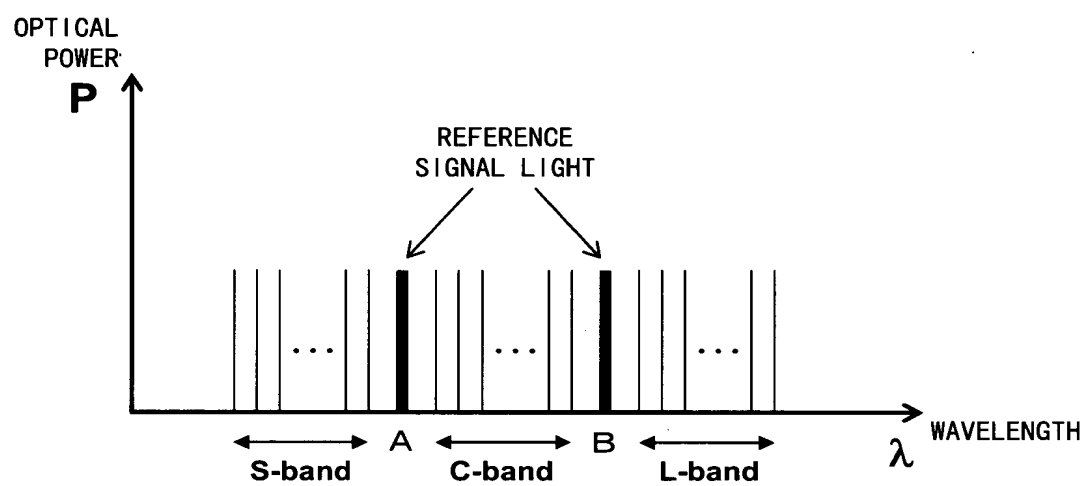


FIG. 20

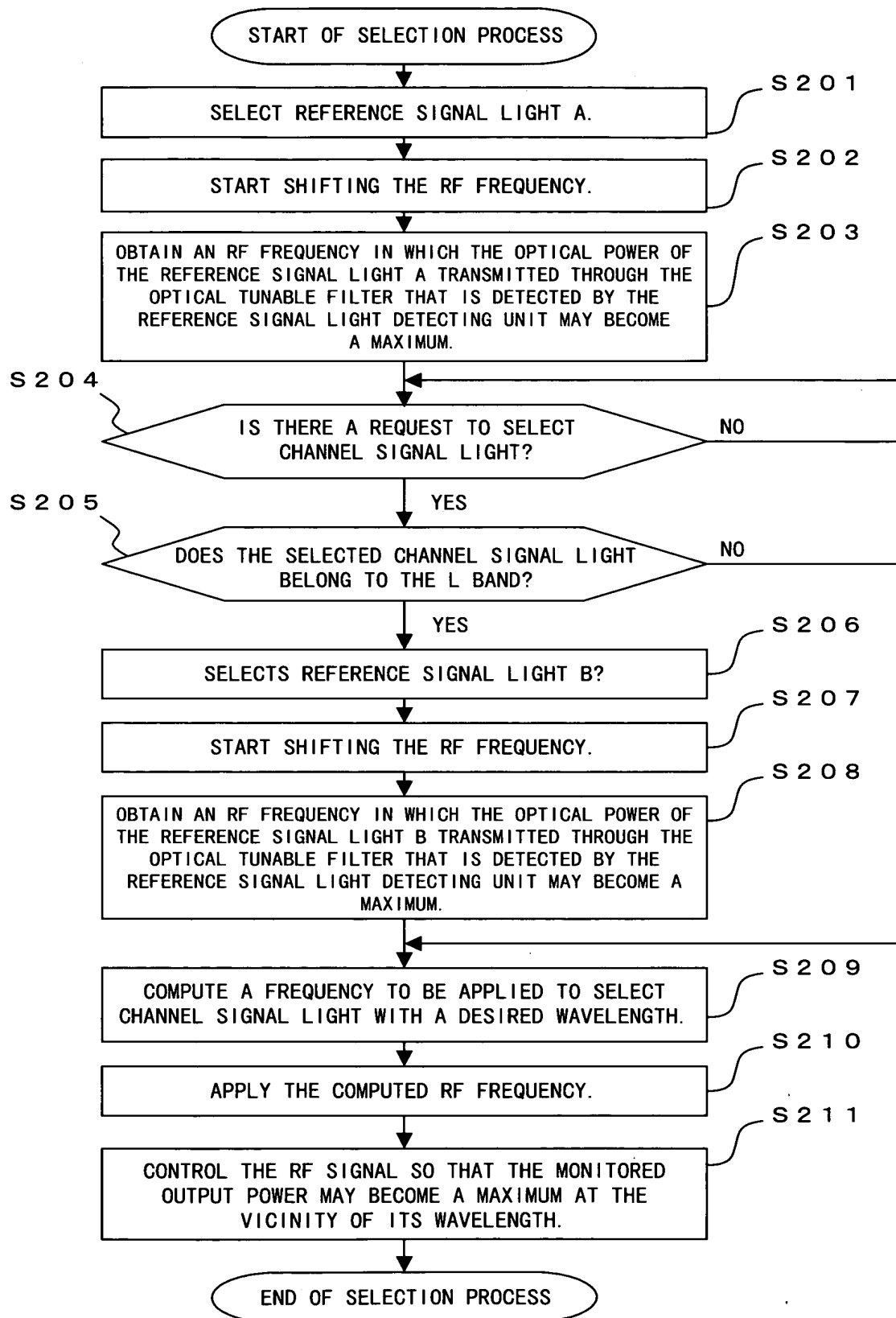


FIG. 21